

REMARKS

Claims 1-4 and 6 are pending in this application. Favorable consideration is requested.

Claims 1-4 have been amended to place the claims in more conventional U.S. patent claim format and without intending to limit the claims. Support for the amendments is found in the specification, for example, in paragraphs 8-9, 12, 15, and Figure 1. No new matter has been added by the amendments.

Claim 5 has been cancelled without prejudice.

Claim 6 has been added to replace Claim 5 and has been written in more conventional U.S. patent claim format. Support for the claim is found in original Claim 5 and the specification, for example, in paragraphs 8-9, 12, 15 and Figure 1. No new matter has been added with the addition of Claim 6.

Applicants note in the Office Action that the Information Disclosure Statement filed on September 25, 2003, has been questioned. Attached is a copy of the Information Disclosure Statement. Applicants request consideration of the Information Disclosure Statement because a concise explanation of the relevance of the art is set forth in paragraph 5 of the application.

Claims 1-4 stand rejected under Section 112 as allegedly being indefinite, and Claims 1-4 stand rejected under Section 112 as allegedly being incomplete. Although applicants do not agree with the rejections, Claims 1-4 have been amended to place the claims in more conventional U.S. patent claim format and without intending to limit the claims. Applicants respectfully request the withdrawal of the rejections.

Claim 5 stands rejected under 35 U.S.C. 102(b) as allegedly anticipated by Heckmann (U.S. Patent 5000920). Without agreeing with the rejection, Claim 5 has been cancelled without

prejudice, and Claim 6 has been presented for consideration. Claim 6 has been presented in more conventional U.S. patent claim format. The cited art does not anticipate Claim 6 because the art does not disclose the use of a test tube comprising detecting, in a test tube, hydrogen fluoride as a pyrolysis product of a gas specimen, and determining, from the detected hydrogen fluoride, the proportion of sulfuranyl fluoride in the gas specimen. As a result, applicants submit that the cited art does not anticipate or render obvious Claim 6.

Applicants note with appreciation that Claims 1-4 contain allowable subject matter as set forth on page 4 of the Office Action.

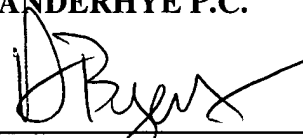
In view of the foregoing amendments and remarks, applicants submit that this application is in condition for allowance. A notice to that effect is earnestly solicited.

If the examiner has any questions concerning this case, the undersigned may be contacted at 703-816-4009.

Respectfully submitted,

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